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FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

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March 30, 1967 Volume 17, Number 6

TECHNICAL TRANSLATIONS

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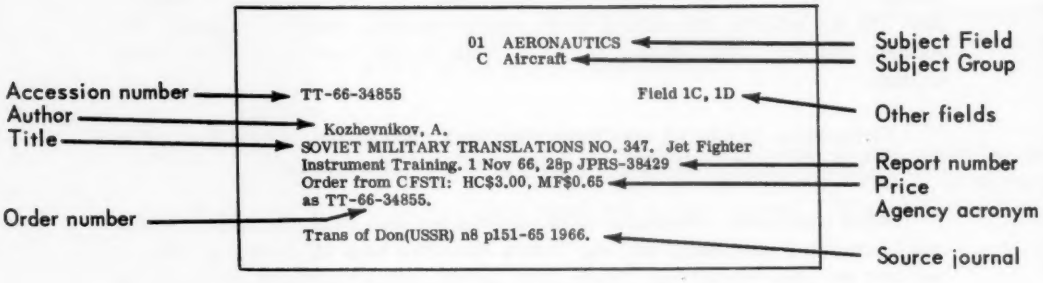

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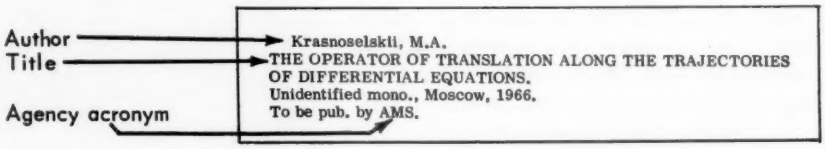

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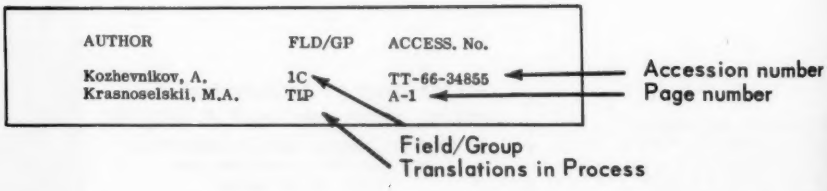

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02	AGRICULTURE	2

Includes agricultural chemistry; agricultural economics; agricultural engineering; agronomy and horticulture; animal husbandry; and forestry. See also related field: 06 Biological and Medical Sciences.

03	ASTRONOMY AND ASTROPHYSICS	2

Includes astronomy; astrophysics; and celestial mechanics.

04	ATMOSPHERIC SCIENCES	3

Includes atmospheric physics and meteorology.

05	BEHAVIORAL AND SOCIAL SCIENCES	4

Includes administration and management; documentation and information technology; economics; history, law and political science; human factors engineering; humanities; linguistics; man-machine relations; personnel selection, training, and evaluation; psychology (individual and group behavior); and sociology. See also related field: 06 Biological and Medical Sciences.

06	BIOLOGICAL AND MEDICAL SCIENCES	7

Includes biochemistry; bioengineering; biology; bionics; clinical medicine; environmental biology; escape, rescue, and survival; food; hygiene and sanitation; industrial (occupational) medicine; life support; medical and hospital equipment and supplies; microbiology; personnel selection and maintenance (medical); pharmacology; physiology; protective equipment; radiobiology; stress physiology; toxicology; and weapon effects. See also related fields: 02 Agriculture, 05 Behavioral and Social Sciences, and 07 Chemistry.

07 CHEMISTRY 25

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08 EARTH SCIENCES AND OCEANOGRAPHY 33

Includes biological oceanography; cartography; dynamic oceanography; geochemistry; geodesy; geography; geology and mineralogy; hydrology and limnology; mining engineering; physical oceanography; seismology; snow, ice, and permafrost; soil mechanics; and terrestrial magnetism. See also related field: 04 Atmospheric Sciences.

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10 ENERGY CONVERSION (Non-Propulsive) 39

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Includes adhesives and seals; ceramics, refractories, and glasses; coatings, colorants, and finishes; composite materials; fibers and textiles; metallurgy and metallography; miscellaneous materials; oils, lubricants, and hydraulic fluids; plastics; rubbers; solvents, cleaners, and abrasives; and wood and paper products. See also related fields: 07 Chemistry, 13 Mechanical, Industrial, Civil, and Marine Engineering, and 21 Propulsion and Fuels.

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Includes mathematics and statistics and operations research. See also the specific field of application.

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14 METHODS AND EQUIPMENT 57

Includes cost effectiveness; laboratories, test facilities, and test equipment; recording devices; reliability; and reprography.

15 MILITARY SCIENCES 57

Includes antisubmarine warfare; chemical, biological, and radiological warfare; defense; intelligence; logistics; nuclear warfare; nd operations, strategy, and tactics. See also related fields: 16 Missile Technology and 17 Navigation, Communications, Detection and Countermeasures.

16 MISSILE TECHNOLOGY . . . . . No Entries

Includes missile launching and ground support; missile trajectories; missile warheads and fuzes; and missiles. See also related fields: 01 Aeronautics, 17 Navigation, Communications, Detection, and Countermeasures, 19 Ordnance, 21 Propulsion and Fuels, and 22 Space Technology.

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18 NUCLEAR SCIENCE AND TECHNOLOGY 58

Includes fusion devices (thermonuclear); isotopes; nuclear explosions; nuclear instrumentation; nuclear power plants; radiation shielding and protection; radioactive wastes and fission products; radioactivity; reactor engineering and operation; reactor materials; reactor physics; reactors (power); reactors (non-power); and SNAP technology. See also related fields: 07 Chemistry, 15 Military Sciences, 18 Nuclear Science and Technology, 20 Physics, and 21 Propulsion and Fuels.

19 ORDNANCE 59

Includes ammunition, explosives; bombs; combat vehicles; explosions, ballistics, and armor; fire control and bombing systems; guns; rockets; and underwater ordnance. See also related field: 18 Nuclear Science and Technology.

20 PHYSICS 59

Includes acoustics; crystallography; electricity and magnetism; fluid mechanics; masers and lasers; optics; particle accelerators; particle physics; plasma physics; quantum theory; solid-mechanics; solid-state physics; thermodynamics and wave propagation. See also related fields: 03 Astronomy and Astrophysics, 07 Chemistry, 09 Electronics and Electrical Engineering, 10 Energy Conversion (Non-propulsive), 11 Materials, 13 Mechanical, Industrial, Civil, and Marine Engineering, and 17 Navigation, Communications, Detection, and Countermeasures.

21 PROPULSION AND FUELS 65

Includes air-breathing engines; combustion and ignition; electric propulsion; fuels; jet and gas turbine engines; nuclear propulsion; reciprocating engines; rocket motors and engines; and rocket propellants. See also related fields: 07 Chemistry and 20 Physics.

22 SPACE TECHNOLOGY . . . . . No Entries

Includes astronautics; spacecraft; spacecraft trajectories and reentry; and spacecraft launch vehicles and ground support. See also related fields: 01 Aeronautics, 03 Astronomy and Astrophysics, 16 Missile Technology, 17 Navigation, Communications, Detection, and Countermeasures, and 21 Propulsion and Fuels.

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TECHNICAL TRANSLATIONS

01 AERONAUTICS

A. Aerodynamics

TT-66-26982 Field 1A, 20D

Terentiev, I. K.
INVESTIGATION OF ACTIVE STAGES.
CEGB-X-160.
Order from CEGB as CEGB-X-160

Trans. of Energomashinostroenie (USSR)
v6 n4 p15-7 1960.

TT-66-27282 Field 1A, 20D

Falkovich, S. V.; Chernov, I. A.
ON THE THEORY OF TWO-DIMENSIONAL SELF-SIMILAR TRANSONIC FLOWS (K Teorii Avtomodelnykh Okolozvukovykh Techenii). Tr. by J. W. Palmer. 15p, 7refs. RAE-Lib-Trans-1139.
Order from ETC: $1.60 as TT-66-27282

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Matematika (USSR) n1(38) p125-33 1964.

TT-66-27552 Field 1A, 13A

Ermolin, V. K.
INVESTIGATION OF THE AERODYNAMICS OR BOILER GAS PASSAGES. CE-Trans-3978.
Order from CEGB as CEGB-CE.Trans.3978

Trans. of Teploenergetika (USSR) v10 n5 p42-6 1963.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60681 Field 1A, 20D

Matveeva, N. S.; Sychev, V. V.
ON THE THEORY OF STRONG INTERACTION BETWEEN A BOUNDARY LAYER AND A HYPERSONIC INVISCID FLOW. 14 Jul 66, 23p, 6refs.
FTD-HT-66-299; AD-646 288.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 288

Unedited rough draft trans. of Prikladnaya Matematika i Mekhanika (USSR) v29 n4 p644-57 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60791 Field 1A

Chernyi, G. G.
ADIABATIC MOTIONS OF AN IDEAL GAS WITH SHOCK WAVES OF HIGH INTENSITY ONE-DIMENSIONAL UNSTEADY MOTIONS. 20 Sep 66, 30p, 15refs.
FTD-TT-65-1316; AD-646 453.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 453

Unedited rough draft trans. of Akademiya Nauk SSSR, Otdelenie Tekhnicheskikh Nauk. Izvestiya, n3 p66-81 1957.

TT-67-60795 Field 1A, 20D

Grodzovskii, G. L.; Ginevskii, A. S.; Ilizarova, A. S.
INDUSTRIAL AERODYNAMICS, NO. 23, 1962: SELECTED ARTICLES. 20 Sep 66, 94p, 28refs.
FTD-TT-65-1971; AD-646 499.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 499

Unedited rough draft trans. of Promyshlennaya Aerodinamika (USSR) n23 p66-71, 107-65 1962.

C. Aircraft

TT-66-27278 Field 1C, 20K

Shishkin, S. N.
THE STRENGTH OF BIRDS' WINGS (O Prochnosti Krylev Ptits). Tr. by B. F. Toms. 23p, 9refs.
RAE-Lib-Trans-1146.
Order from ETC: $2.60 as TT-66-27278

Trans. of Tsentralnyi Aerogidrodinamicheskii Institut. Trudy (USSR) n258 1936.

TT-66-27290 Field 1C, 14B, 1A

Wada, K.
SOME CONSIDERATIONS ON PERFORMANCE ESTIMATION OF HELICOPTERS. 19p, 16refs.
RAE-Lib-Trans-1160.
Order from ETC: $1.60 as TT-66-27290

Trans. of Nihon Koku Gakkaishi (Japan)
v13 n134 p61-8 1965.

TT-67-60425 Field 1C

Belskii, V. L.; Vlasov, I. P.
AIRCRAFT CONSTRUCTION: SELECTED PARTS. 1966, 198p. FTD-TT-65-1573; AD-645 767.
Order from CFSTI: HC$3.00, MF$0.65 as AD-645 767

Trans. of unidentified Russian mono., n.p., n.d.

TT-67-60685 Field 1C

Pipko, I. D.
SUPERSONIC PASSENGER AIRPLANE (Sverkhzvukovoi, Passazhirskii Samolet). 15p. FTD-HT-66-288; AD-646 293.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 293

Unedited rough draft trans. of Nauka i Zhizn (USSR) n9 p34-7 1965.

D. Aircraft flight control and instrumentation

TT-67-60766 Field 1D

Leshchenko, V. M.
THE ALGORITHMIZATION OF THE PROCESSES OF CONTROL OF THE AERIAL MOTION OF AIRCRAFT. 28 Sep 66, 15p, 2refs. FTD-HT-66-545; AD-646 367.

Order from CFSTI: HC$3.00, MF$0.65 as AD-646 367

Unedited rough draft trans. of mono. Avtomaticheskoe Operativnoe Upravlenie Proizvodstvennymi Protsessami, Moscow, 1965 p204-10.

02 AGRICULTURE

B. Agricultural economics

TT-67-30082 Field 2B

Buzdalov, I.
USSR AGRICULTURE: TRANSLATIONS NO. 185. 6 Jan 67, 30p. JPRS-39432.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30082

Trans. of Voprosy Ekonomiki (USSR) n9 p35-45 1966 and from Ekonomika Sovetskoi Ukrainy (USSR) n9 p58-62 1966.

TT-67-30144 Field 2B

Gaponenko, G.
ECONOMIC REFORM, THE IMPROVEMENT OF METHODS OF PLANNING AND ECONOMIC STIMULATION OF AGRICULTURAL PRODUCTION. 12 Jan 67, 22p, refs. JPRS-39494.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30144

Trans. of Ekonomika Selskogo Khozyaistva (USSR) n10 p20-34 1966.

C. Agricultural engineering

TT-67-30059 Field 2C, 8J, 5A

HEARLD OF THE ACADEMY OF SCIENCES, VOL. 36, NO. 9, 1966. 4 Jan 67, 183p. JPRS-39409.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30059

Trans. of Akademiya Nauk SSSR. Vestnik, v36 n9 p3-143 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-30157 Field 2C, 2B

Gerasimov, S.; Kasyukov, I.; Pavlov, O.
USSR AGRICULTURE: TRANSLATIONS NO. 187. 12 Jan 67, 17p (figs omitted). JPRS-39507.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30157

Trans. of Kartofel i Ovoshchi (USSR) n10 p2-4 1966 and from Izvestiya (USSR) 23 Dec p3 1966.

D. Agronomy and horticulture

TT-67-30123 Field 2D, 4B

Beloborodova, G. G.; Anistratenko, D. P.; Maslovskaya, A. D.; Kopty, A. D.
AGRICULTURAL METEOROLOGY. 10 Jan 67, 66p, refs. JPRS-39473.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30123

Trans. of Kazakhskii Nauchno-Issledovatelskii Gidrometeorologicheskii Institut. Trudy (USSR) n24 p120-66 1965.

TT-67-30192 Field 2D, 2B

Ruebenbauer, T.; Michna, W.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 512. 16 Jan 67, 15p. JPRS-39542.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30192

Trans. of Nowe Rolnictwo (Poland) n18 p14-5; n22 p7-9 1966.

E. Animal husbandry

NCH-206 920 Field 2E

Makarav, I. L.
THE ADOPTION OF A VARIABLE TEMPERATURE RATE IN THE INCUBATION OF GOOSE EGGS (Prymyanenne Rezhymu Peramennykh Tempęratur pri Inkubatsyi Gusinykh Yaets). Jun 66, 12p. RTS-3501.
Order from NLL: 17s 6d as RTS-3501

Trans. of Akademiya Navuk BSSR, Minsk. Vestsi. Seriya Selskahaspadarchykh Navuk, n4 p88-94 1964.

F. Forestry

NCH-206 354 Field 2F

Kulakova, N. M.
PREVENTING DAMPING OFF OF SCOTCH PINE SEEDLINGS (Predupreshdenie Poleganya Vskhodov Sosny). 1966, 8p NRC-C-6227; ODF-Tr-61.
Order from NRC as C-6227

Trans. of Lesnoe Khozyaistvo (USSR) v17 n3 p41-2 1964.

03 ASTRONOMY AND ASTROPHYSICS

B. Astrophysics

NCH-206 928 Field 3B

Severnyi, A. B.
AN EXPERIMENTAL INVESTIGATION OF THE EFFECTS OF ROTATION OF THE POLARISATION PLANE AND NON-MAGNETIC POLARISATION ON THE SUN (Eksperimentalnoe Issledovanie Effektov Vrashcheniya Ploskosti Polyarizatsii i Nemagnitnoi Polyarizatsii na Solntse). Jun 66, 53p, 16refs. RTS-2805.
Order from NLL: 40s as RTS-2805

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, v31 p126-58 1964.

TT-66-51022 Field 3B

Vyazanitsyn, V. P.; Gnevyshev, M. N.; Dobrovolskii, O. V.; Krat, V. A.; Markov, A. V.
PHYSICS OF THE SOLAR SYSTEM. Vol. 3 of a Course in Astrophysics and Stellar Astronomy. Tr. by Z. Lerman. 1966, 403p, refs.
SFCSI-NASA(TT-66-51022); NASA-TT-F-342.
Order from CFSTI: $3.00 as NASA-TT-F-342

Trans. of mono. Kurs Astrofiziki i Zvezdnoi Astronomii, vol. 3, Moscow, 1964.

TT-67-60402 Field 3B

Severnyi, A. B.
INVESTIGATION OF SPECTRA OF LARGE CHROMOSPHERIC FLARES. Tr. by P. A. Kazakov. 1966, 12p (foreign text included) refs. CSIRO-Trans-8189.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60402

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, v21 p146-51 1959.

C. Celestial mechanics

TT-67-60787 Field 3C, 12A

Petrovskaya, M. S.
ESTIMATES FOR THE REMAINDERS OF HILL'S SERIES. 30 Sep 66, 28p, 6refs. FTD-HT-66-241; AD-646 449.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 449

Edited trans. of Akademiya Nauk SSSR. Institut Teoreticheskoi Astronomii. Byulleten, v9 n4 p257-73 1963.

04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

TT-65-33417 Field 4A, 4B

Faraponova, G. P.
THE RELATIONSHIP BETWEEN THE TRANSPARENCE OF THE FREE ATMOSPHERE AND CERTAIN METEOROLOGIC CHARACTERISTICS. 12 Nov 65, 13p, 12refs. JPRS-32839.
Order from CFSTI: HC$3.00, MF$0.65 as TT-65-33417

Trans. of Akademiya Nauk SSSR. Izvestiya. Fizika Atmosfery i Okeana, v1 n6 p607-14 1965.

TT-66-27295 Field 4A

Dolginov, Sh. Sh.; Eroshenko, E. G.; Zhuzgov, L. N.
EXPLORATION OF THE TERRESTRIAL MAGNETOSPHERE IN THE REGION OF THE RADIATION BELT (3-6 R_e), FEBRUARY TO APRIL 1964. Tr. by E. R. E. R. Hope. 17p, 35refs. DSIS-T455R.
Order from ETC: $1.60 as TT-66-27295

Trans. of mono. Vsesoyuznaya Konferentsiya po Fizike Kosmicheskogo Prostranstva (no. 1) Moscow, 10-6 Jun 1965. Trudy, Moscow, 1965 p342-56.

TT-66-27296 Field 4A

Eroshenko, E. G.
EXPLORATION BY ELEKTRON SATELLITES OF TERRESTRIAL MAGNETOSPHERE AT DISTANCE 7-11-7 EARTH RADII. Tr. by E. R. Hope. 14p, 12refs. DSIS-T455R.
Order from ETC: $1.60 as TT-66-27296

Trans. of Mono. Vsesoyuznaya Konferentsiya po Fizike Kosmicheskogo Prostranstva (no. 1) Moscow, 10-6 Jun 1965. Trudy, Moscow, 1965 p356-67.

TT-67-60869 Field 4A, 20F

Zuev, V. E.; Kabanov, M. V.
SOME PROPERTIES OF ATTENUATION IN THE ATMOSPHERE (O Nekotorykh Osobennostyakh Oslabeniya Sveta v Atmosfere). Tr. by George E. Brady, Jr. Nov 66, 9p, 6refs. AmMetSoc-T-R-627; AD-646 679.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 679

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Fizika (USSR) n6 p175-7 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

B. Meteorology

NCH-202 896 Field 4B

Fedynskii, A. V.
ON A POSSIBLE METHOD OF MEASURING THE CONCENTRATION OF WATER VAPOUR AT GREAT HEIGHTS. 1966, 16p, 8refs. NLL-M.5789.
Order from NLL as M.5789

Trans. of Tsentralnaya Aerologicheskaya Observatoriya. Trudy (USSR) n61 p59-67 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-65-50382 Field 4B

Haman, K.
SOME ACTUAL PROBLEMS IN NUMERICAL WEATHER FORECASTING (Niektore Wspolczesne Problemy Numerycznych Prognoz Pogody). Tr. by Malgorzata Widymska. 1966, 29p, 15refs.
SFCSI-Comm(TT-65-50382).
Order from CFSTI: $3.00 as TT-65-50382

Trans. of Przeglad Geofizyczny (Poland) v9 n1 p25-51 1964.

TT-66-27198 Field 4B

Loch, B. F.
LIGHTNING DISCHARGE. CEGB-IB.1712.
Order from CEGB as CEGB-IB.1712

Trans. of Unidentified Russian mono. n.p., 1956 p47-52.

TT-67-30248 Field 4B, 22B

Veltishchev, N. F.; Belov, P. N.; Kivganov, A. F.; Kurilova, Yu. V.
SOVIET SCIENTISTS PRESENT PAPERS ON SATELLITE METEOROLOGY. 19 Jan 67, 46p, refs. JPRS-39599.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30248

Trans. of Mirovoi Meteorologicheskii Tsentr, Leningrad. Trudy (USSR) n8 p45-67, 76-86 1965.

TT-67-30286 Field 4B

Golubov, R. S.
SOME PARAMETERS OF JET STREAMS IN KAZAKHSTAN AND FORECASTING INSTRUCTIONS.

24 Jan 67, 16p, 5refs. JPRS- 39637.
Order from CFSTI: HC$ 3.00, MF$0.65 as TT-67-30286

Trans. of Kazakhskii Nauchno-Issledovatelskii Gidrometeorologicheskii Institut. Trudy (USSR) n23 p27-38 1965.

TT-67-60856 Field 4B, 22B

Musaelyan, Sh. A.; Chekirda, A. Z.
NUMERICAL INTERPRETATION OF CLOUD INFORMATION FROM METEOROLOGICAL SATELLITES (O Chislennoi Interpretatsii Informatsii ob Oblachnosti, Postupayushchei s Meteorologicheskikh Sputnikov). Tr. by David Kraus. Oct 66, 19p, 1ref.
AmMetSoc-T-R-468; AD-646 617.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 617

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n166 p189-202 1964.

05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-66-26970 Field 5A

Piven, V. D.
AUTOMATION OF SECTIONALISED INSTNS.
CEGB-CET-1372.
Order from CEGB as CEGN-CET.1372

Trans. of Energomashinostroenie (USSR) v4 n6 p1-7 1958.

TT-67-30181 Field 5A

VESTNIK OF THE USSR ACADEMY OF SCIENCES, VOL. 36, NO. 10, 1966. 16 Jan 67, 164p. JPRS-39531.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30181

Trans. of Akademiya Nauk SSSR. Vestnik, v36 n10 118p 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-30207 Field 5A

BENEFITS AND IMPROVEMENTS FOR SOVIET SCIENTISTS. 17 Jan 67, 21p. JPRS-39557.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30207

TT-67-60775 Field 5A, 16A, 15E, 13D, 13C, 13M

PROTECTIVE STRUCTURES AND COMPONENTS: COMPILATION OF ABSTRACTS. 1 Nov 66, 35p, 25refs. ATD-66-132; AD-646 390.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 390

Based on Soviet and Satellite open sources pub. 1966. Rept. on Surveys of Foreign Scientific and Technical Literature.

TT-67-60870 Field 5A, 9A, 20E, 3B, 6D, 6R, 13J, 20K

FOREIGN SCIENCE BULLETIN, VOL. 3, NO. 1, 1967. Jan 67, 64p, 48refs. AD-646 634.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 634

A Monthly Review of Selected Foreign Scientific and Technical Literature.
Also available on subscription, $36.00/yr.

C. Economics

TT-66-26909 Field 5C

Filipovic, B.
MARGINAL COST THEORY. CEGB-CET.3108.
Order from CEGB as CEGB-CET.3108

Trans. of Elektroprivreda (Yugoslavia) v12 n11/12 p505-22 1959.

TT-66-26947 Field 5C, 20M, 13A

Dalin, A. M.
CAPITAL EXPENDITURE DISTRICT HEATING.
CEGB-T/1771.
Order from CEGB as CEGB-T/1771

Trans. of Elektricheskie Stantsii (USSR) v31 n8 p33-9 1960.

TT-67-30071 Field 5C, 8F

Eichler, A.
ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 65. 5 Jan 67, 17p. JPRS-39421.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30071

Trans. of el Farol (Venezuela) n218 p19-25 1966.

TT-67-30072 Field 5C

Milner, B.; Polyanskii, V.
INTRAFACTORY MECHANISM FOR ECONOMIC REFORM. 5 Jan 67, 8p. JPRS-39422.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30072

Trans. from Ekonomicheskaya Gazeta (USSR) n49 p18-9 1966.

TT-67-30154 Field 5C

Sann, S.
SOUTH AND EAST ASIA: TRANSLATIONS NO. 141. Cambodia. 12 Jan 67, 26p. JPRS-39504.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30154

Trans. of le Sangkum (Cambodia) Nov p31-7, 50-7 1966 and la Vie du Rail Outre-Mer (France) n151 p10-4 1966.

TT-67-30167 Field 5C, 5D

Soskin, B.
IRAN ATTACKS THE OIL CONSORTIUM. 12 Jan 67, 6p. JPRS-39517.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30167

Trans. from Baku Rabochii (USSR) 8 Dec p3 1966.

TT-67-30176 Field 5C, 13M

Etmekdzhiyan, A.; Zverev, A.; Vinokur, R.
CONSTRUCTION EFFICIENCY AND ECONOMIC REFORM. 13 Jan 67, 22p. JPRS-39526.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30176

Trans. of Planovoe Khozyaistvo (USSR) v43 n12 15p 1966.

TT-67-30185 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 79. 16 Jan 67, 40p. JPRS-39535.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30185

TT-67-30260 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 67. 20 Jan 67, 22p. JPRS-39611.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30260

TT-67-30353 Field 5C, 11E

Volkov, N.; Nazarov, M.; Chebotarev, V.
RESULTS OF ECONOMIC REFORMS IN USSR LIGHT INDUSTRY. 30 Jan 67, 19p. JPRS-39704.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30353

Trans. from Ekonomicheskaya Gazeta (USSR) n1 p10-2 1967.

TT-67-30379 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 83. 1 Feb 67, 23p. JPRS-39731.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30379

D. History, law and political science

TT-66-35246 Field 5D, 5C

Biarnes, P.
AFRICA: TRANSLATIONS NO. 461. 28 Nov 66, 20p. JPRS-38822.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35246

Trans. of le Mois en Afrique (France) n10 p22-5, 46-53 1966 and of Est et Quest (France) n368 p8-10 1966.

TT-67-30051 Field 5D, 5C

COMMUNIST, NO. 16, 1966: SELECTED ARTICLES. 4 Jan 67, 49p. JPRS-39401.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30051

Trans. from Kommunist, Moscow (USSR) n16 p3-8, 92-112, 121-5 1966.

TT-67-30079 Field 5D, 5K

Chang Tsung-Hou; Yang Cheng-Sheng.
COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 378. 6 Jan 67, 13p. JPRS-39429.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30079

Trans. from Wen Hui Pao (Chinese People's Republic) 25 Oct p2 1966.

TT-67-30080 Field 5D

AFRICA: TRANSLATIONS NO. 481. 6 Jan 67, 68p. JPRS-39430.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30080

Trans. from Terre Africaine (Congo) 26 Nov/2Dec p1, 7-18 1966 and Dipanda (Congo) n156 p1, 6 1966.

TT-67-30092 Field 5D, 5C

Su Tung-Lieh; Ratna Sari Dewi.
SOUTH AND EAST ASIA: TRANSLATIONS NO. 140. 6 Jan 67, 16p. JPRS-39442.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30092

Trans. from Mien-Hua Jih-Pao (Indochina) 22 Nov p4 1966 and Angkatan Bersendjata (Indonesia) 17-20 Oct 1966.

TT-67-30093 Field 5D, 5C

PRAVDA EDITORIALS (29, 30 AND 31 DEC 66): TRANSLATIONS NO. 739. 6 Jan 67, 12p. JPRS-39443.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30093

Trans. from Pravda, Moscow (USSR) 29 Dec p1; 30 Dec p1; 31 Dec p1 1966.

TT-67-30103 Field 5D

Radulov, L., Mitovski, Z.
POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 246. 9 Jan 67, 19p, 6refs. JPRS-39453.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30103

Trans. of Politicheska Prosveta (Bulgaria) n11 p27-33, 81-4 1966.

TT-67-30171 Field 5D, 5C

COMMUNIST, NO. 15, 1966: SELECTED ARTICLES. 13 Jan 67, 77p. JPRS-39521.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30171

Trans. from Kommunist, Moscow (USSR) n15 p3-13, 25-35, 48-61, 86-99 1966.
Includes table of contents for n15 1966.

TT-67-30182 Field 5D

RED FLAG, NO. 15, 1966: TRANSLATIONS NO. 41. 16 Jan 66, 60p, 31refs. JPRS-39532.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30182

Trans. of Hung Ch'i (Chinese People's Republic) n15 35p 1966.

TT-67-30184 Field 5D, 5I, 5C

LE MONDE (1-30 NOV 66): INDEX NO. 79. 16 Jan 67, 45p. JPRS-39534.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30184

Index to contents of le Monde (France) 1-30 Nov 1966.

TT-67-30191 Field 5D, 5C

COMMUNIST, NO. 17, 1966. 16 Jan 67, 84p. JPRS-39541.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30191

Trans. from Kommunist, Moscow (USSR) n17 p3-47, 92-103 1966.

TT-67-30202 Field 5D

Chudik, M.
POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 247. Tasks Facing the Slovak National Council. 17 Jan 67, 9p. JPRS-39552.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30202

Trans. of Rude Pravo (Czechoslovakia) 29 Dec p3 1966.

TT-67-30203 Field 5D

AFRICA: TRANSLATIONS NO. 485. 17 Jan 67, 17p. JPRS-39553.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30203

TT-67-30216 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (19-25 DEC 66): INDEX NO. 347. 17 Jan 67, 7p. JPRS-39566.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30216

Index to contents of la Stampa (Italy) 20-25 Dec 1966 and of la Stampa Sera (Italy) 19 Dec 1966.
Issues of la Stampa for Dec 23, 24, 25 unavailable.

TT-67-30217 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (26 DEC 66 - 1 JAN 67): INDEX NO. 348. 17 Jan 67, 8p. JPRS-39567.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30217

Index to contents of la Stampa (Italy) 27-31 Dec 1966.
Issues of la Stampa for Dec 26 1966 and Jan 1, 1967 not published.

TT-67-30220 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (2-8 JAN 67): TRANSLATIONS NO. 349. 17 Jan 67, 7p. JPRS-39570.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30220

Index to contents of la Stampa (Italy) 3-8 Jan 1967 and of la Stampa Sera (Italy) 2 Jan 1967.

TT-67-30280 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 938. 24 Jan 67, 49p. JPRS-39631.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30280

F. Humanities

TT-67-30054 Field 5F, 5D

Lanternari, V.; Camara, K.
AFRICA: TRANSLATION NO. 480. 4 Jan 67, 19p, 24refs. JPRS-39404.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30054

Trans. of Archives de Sociologie des Religions (France) n21 p101-10 1966 and Horoya (Guinea) n1071 p3 1966.

TT-67-30091 Field 5F

Honchar, O.
UKRAINIAN SOVIET LITERATURE ON THE EVE OF THE GREAT FIFTIETH ANNIVERSARY. 6 Jan 67, 39p. JPRS-39441.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30091

Trans. from Literaturna Ukraina (USSR) 17 Nov p3-5 1966.

G. Linguistics

TT-67-60382 Field 5G, 5B

Gardiner, R. K., comp.
A LIST AND ELUCIDATION OF THE REFINED GRAMMAR CODES IN THE BERKELEY RUSSIAN DICTIONARY (RUSDIC) DR-2. 1966, 80p.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60382

I. Personnel selection, training and evaluation

TT-67-30045 Field 5I

DIRECTORY OF BULGARIAN OFFICIALS 1966: SUPPLEMENTS I AND II. 4 Jan 67, 94p. JPRS-39394.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30045

Trans. of mono. Spravochnik NR Bulgaria, Sofia, 1966 84p.

TT-67-30101 Field 5I

Gushchin, I.; Pak, Yu. E.
USSR LABOR: TRANSLATIONS NO. 156. 9 Jan 67, 9p. JPRS-39451.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30101

Trans. of Sotsialnoe Obespechenie (USSR) n11 p17-8 1966 and Agitator (USSR) n22 p52-3 1966.

TT-67-30109 Field 5I

Skopina, K.
LIVING AND STUDY CONDITIONS OF CHINESE POST-GRADUATE STUDENTS AT VORONEZH STATE UNIVERSITY, OCTOBER 1965 THROUGH OCTOBER 1966. 9 Jan 67, 6p. JPRS-39459.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30109

Trans. of Komsomolskaya Pravda (USSR) 20 Dec p3 1966.

TT-67-30152 Field 5I

Guseinov, K.
USSR LABOR: TRANSLATIONS NO. 157. 12 Jan 67, 19p. JPRS-39502.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30152

Trans. from Ekonomicheskaya Gazeta (USSR) n45 p28-9. 38-9 1966.

TT-67-30156 Field 5I

Zavodovskii, N.; Panasyuk, L.; Sbytova, L.
USSR LABOR: TRANSLATIONS NO. 158. 12 Jan 67, 16p. JPRS-39506.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30156

Trans. of Stroitel (USSR) n11 p28-9 1966 and Ekonomicheskie Nauki (USSR) n5 p75-82 1966.

TT-67-30183 Field 5I, 5C, 5D

AFRICA: TRANSLATIONS NO. 484. 16 Jan 67, 36p. JPRS-39533.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30183

J. Psychology (Individual and group behavior)

TT-67-60996 Field 5J

Dobrynin, N. F.; Bardian, A. M.; Lavrova, N. V.
AGE-GROUP PSYCHOLOGY. 5 Dec 66, 358p, 10refs. FTD-HT-66-410; AD-646 961.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 961

Unedited rough draft trans. of mono. Vozrastnaya Psikhologiya, Moscow, 1965 296p.

K. Sociology

TT-67-30048 Field 5K

Enache, C. M.; Ciucur, D.
SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 405. 4 Jan 67, 34p. JPRS-39397.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30048

Trans. of Studii si Cercetari Economice (Rumania) v1 p17-32, 35-47 1966.

TT-67-30060 Field 5K

Grigorov, G.; Mikhailov, S.
SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 406. 4 Jan 67, 14p. JPRS-39410.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30060

Trans. from Pogled (Bulgaria) n44 p4-5 1966 and of Narodna Kultura (Bulgaria) n46 p6 1966.

TT-67-30215 Field 5K, 5D

Abitbol, M. E.
AFRICA: TRANSLATIONS NO. 486. Family Life and New Marriage Laws in the Ivory Coast. 17 Jan 67, 34p, refs. JPRS-39565.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30215

Trans. of Recueil Penant (France) v76 n712 p303-16; n713-4 p455-67 1966.

06 BIOLOGICAL AND MEDICAL SCIENCES

TT-67-30276 Field 6-

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 30. 24 Jan 67, 60p. JPRS-39627.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30276

TT-67-30321 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 61. 27 Jan 67, 63p. JPRS-39672.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30321

A. Biochemistry

TT-66-27002 Field 6A

Kumada, K.
HUMIC ACIDS. CEGB-CET.1223.
Order from CEGB as CEGB-CET.1223

Trans. of Nihon Dojo Hiryogaku Zasshi (Japan) v27 n8 p175-9 1956.

TT-67-30098 Field 6A, 9B

Dimitrova, S.
BIOCHEMISTRY AND THE SOVIET "MINSK-2" COMPUTER. 9 Jan 67, 5p. JPRS-39448.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30098

Trans. from Pogled (Bulgaria) n48 p11 1966.

TT-67-30150 Field 6A

RESOLUTION ON SCIENTIFIC RESEARCH OF THE ACADEMY OF SCIENCES KAZAKH SSR. 12 Jan 67, 14p. JPRS-39500.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30150

Trans. of Akademiya Nauk Kazakhskoi SSR, Alma-Ata. Vestnik, v22 n10 p9-15 1966.

TT-67-30290 Field 6A

Gaevskaya, M. S.; Palladin, A. V.; Azhipa, Ya. I.; Kayushin, L. P.; Niksihkin, E. I.
PROBLEMS OF NEUROCHEMISTRY. 24 Jan 67, 37p.

refs. JPRS-39641.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30290

Trans. of mono, Problemy Neirokhimii, Moscow/Leningrad, 1966 p3-17, 209-14, 222-3. Includes the Table of Contents.

TT-67-60550 Field 6A

Alekseeva, G. G.; Orkodashvili, L. Sh.
CHANGE OF BLOOD INSULIN ACTIVITY IN HEALTHY PEOPLE AT ADMINISTRATION OF GLUCOSE. Tr. by Z. Knowles. 1966, 8p, refs. NIH-12-9-66.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60550

Trans. of Fiziologicheskii Zhurnal SSSR, v52 n6 p746-9 1966.

TT-67-60557 Field 6A

Kaneko, Y.; Suzuki, W.; Uchida, K.
STUDIES OF THE PTERIN-LIKE FLUORESCENT SUBSTANCES PRODUCED BY ASPERGILLUS. (IV) FLUOROMETRIC DETERMINATIONS OF THE PTERIN-LIKE SUBSTANCES. 1967, 17p, refs. NIH-1-11-67.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60557

Trans. of Bitamin (Japan) v31 n1 p19-25 1965.

TT-67-60564 Field 6A

Tumerman, L. A.
LUMINESCENCE METHODS IN THE STUDY OF THE STRUCTURE OF BIOPOLYMERS. Tr. by H. Warfield. 1966, 14p, refs. NIH-12-18-66.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60564

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v29 n8 p1431-8 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60566 Field 6A

Gladchenko, L. F.; Kostko, M. Ya.; Pikulik, L. G.; Sevchenko, A. N.
LIFETIMES OF UV FLUORESCENCE IN THE EXCITED STATE IN AROMATIC AMINOACIDS. Tr. by H. Warfield. 1966, 6p, refs. NIH-12-11-66.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60566

Trans. of Akademiya Navuk BSSR, Minsk. Doklady, v9 n10 p647-50 1965.

TT-67-60591 Field 6A

Lavrova, V. S.
THE EFFECT OF SUBDIAPHRAGMATIC VAGOTOMY ON THE VITAMIN B_{12} METABOLISM AND STATE OF THE BLOOD SYSTEM IN DOGS. Nov 66, 11p, 11refs. FASEB-S-146-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60591

Trans. of Byulleten Eksperimentalnoi Biologii i Meditsiny (USSR) v60 n12 p58-62 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60592 Field 6A, 6P

Kudryashov, B. A.; Molchanova, L. V.; Shnol, S. E.; Sazhnikov, V. A.
BEHAVIOR OF I^{131} FIBRINOGEN IN THE BLOOD STREAM OF ANIMALS DURING THROMBIN ACTIVATION OF THE PHYSIOLOGICAL ANTICOAGULATIVE SYSTEM. Nov 66, 18p, 14refs. FASEB-S-145-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60592

Trans. of Byulleten Eksperimentalnoi Biologii i Meditsiny (USSR) v60 n12 p38-41 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60593 Field 6A, 6P

Kuznik, B. I.; Mishchenko, V. P.
THE ROLE OF INTACT ERYTHROCYTES IN PLATELET ADHERENCE IN FIBRINOLYSIS. Nov 66, 15p, 14refs. FASEB-S-144-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60593

Trans. of Byulleten Eksperimentalnoi Biologii i Meditsiny (USSR) v60 n12 p15-9 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60595 Field 6A

Zhinkin, L. N.; Samoshkina, N. A.
AN AUTORADIOGRAPHIC STUDY OF DNA SYNTHESIS DURING FORMATION OF THE DECIDUAL CELLS IN THE EARLY STAGES OF PREGNANCY IN MICE. Nov 66, 18p, refs. FASEB-S-231-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60595

Trans. of Arkhiv Anatomii, Gistologii i Embriologii (USSR) v50 n4 p52-8 1966.

TT-67-60602 Field 6A

Kalamkarova, M. B.; Kryukova, M. E.
THE ULTRASTRUCTURAL ORGANIZATION AND SPECIAL FEATURES OF THE PROTEIN COMPONENTS OF THE CONTRACTILE APPARATUS OF THE ADDUCTOR IN ANODONTA. Nov 66, 19p, 18refs. FASEB-S-141-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60602

Trans. of Biofizika (USSR) v11 n1 p61-9 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60603 Field 6A

Borovyagin, V. L.; Sakharova, A. V.; Sakharov, D. A.
ELECTRON HISTOCHEMISTRY OF CHOLINESTERASE IN THE CEREBELLAR CORTEX OF THE CAT. Nov 66, 11p, 12refs. FASEB-S-142-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60603

Trans. of Biofizika (USSR) v11 n1 p83-8 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60605 Field 6A

Likhtenshtein, G. I.
PRINCIPLES GOVERNING THE ENTROPY AND

ENERGY PROPERTIES OF ENZYME PROCESSES.
Nov 66, 24p, 36refs. FASEB-S-139-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60605

Trans. of Biofizika (USSR) v11 n1 p24-33 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60606 Field 6A

Evdokimova, Yu. M.; Varshavskii, Ya. M.
THERMODYNAMIC CHARACTERISTICS OF THE STRUCTURAL TRANSFORMATIONS OF DNA IN SOLUTIONS IN H_2O AND D_2O. Nov 66, 31p (foreign text included) 40refs. FASEB-S-138-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60606

Trans. of Biofizika (USSR) v11 n1 p7-18 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60609 Field 6A, 6P

Sabsai, B. I.
CHANGES IN ENZYME ACTIVITY OF GASTRIC GLANDS RESULTING FROM ACTION OF PRODUCTS OF PROTEIN HYDROLYSIS ON INTESTINAL MUCOSA. Nov 66, 14p, 10refs. FASEB-S-288-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60609

Trans. of Byulletin Eksperimentalnoi Biologii i Meditsiny (USSR) v61 n2 p17-20 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60620 Field 6A

Likhtenshtein, G. I.; Purmal, A. P.
CHEMILUMINESCENCE ACCOMPANYING THE CATALYTIC PROCESS. Nov 66, 12p, 13refs. FASEB-S-267-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60620

Trans. of Biofizika (USSR) v11 n2 p245-9 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60637 Field 6A

Rozanova, V. D.; Lu Cyu-tsen.
CHOLINESTERASE ACTIVITY IN THE BLOOD OF DOGS DURING DEVELOPMENT. Nov 66, 12p, 24refs. FASEB-S-287-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60637

Trans. of Byulleten Eksperimentalnoi Biologii i Meditsiny (USSR) v61 n2 p14-7 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60716 Field 6A

Popova, I. A.
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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60716

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TT-67-60723 Field 6A, 6E

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TT-67-60726 Field 6A, 6E

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TT-67-60756 Field 6A, 6P

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TT-67-60812 Field 6A

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TT-67-60814 Field 6A

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TT-67-60906 Field 6A, 6M

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60906

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TT-67-60909 Field 6A, 6M

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B. Bioengineering

TT-67-30149 Field 6B

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C. Biology

NCH-206 560 Field 6C

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Order from NLL: 32s 6d as RTS-3284

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TT-65-50362 Field 6C, 8H

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TT-66-51068 Field 6C

Bei-Bienko, G. Ya., comp.
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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30122

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

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TT-67-30166 Field 6C, 6R

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TT-67-60623 Field 6C, 6F

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60623

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TT-67-60668 Field 6C

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TT-67-60728 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60728

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TT-67-60738 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60806

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TT-67-60807 Field 6C

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D. Bionics

TT-66-35366 Field 6D, 12B

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35366

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E. Clinical medicine

NCH-206 548 Field 6E, 6A

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Order from NLL: 7s 6d as RTS-3403

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NCH-206 919 Field 6E

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Order from NLL: 25s as RTS-3042

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TT-66-27321 Field 6E

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Order from ETC: $1.10 as TT-66-27321

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TT-66-57002/3 Field 6E, 18B

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-59006/1 Field 6E

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TT-66-59006/2 Field 6E

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1966, 69p, refs. SFCSI-HEW-NLM(TT-66-59006/2).
Order from CFSTI: $3.00 as TT-66-59006/2

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TT-66-59006/3 Field 6E

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TT-67-30161 Field 6E, 5I

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30161

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TT-67-30168 Field 6E

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-30169 Field 6E

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13 Jan 67, 246p, refs. JPRS-39519.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30169

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30208

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TT-67-60371 Field 6E

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TT-67-60546 Field 6E

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TT-67-60548 Field 6E

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TT-67-60555 Field 6E, 6O

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TT-67-60558 Field 6E

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60558

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TT-67-60563 Field 6E

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60563

Trans. of Pediatriya (USSR) v44 n8 p24-9 1965.

TT-67-60567 Field 6E, 6O

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TT-67-60823 Field 6E, 6O

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TT-67-60825 Field 6E, 6A, 6O

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TT-67-60827 Field 6E, 6A

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TT-67-60830 Field 6E

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TT-67-60832 Field 6E, 6O

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TT-67-60834 Field 6E, 6A, 6R

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F. Environmental biology

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TT-67-30187 Field 6F, 2A

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TT-67-60989 Field 6F, 6C

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H. Food

TT-66-27356 Field 6H

Agabalyants, G. G.
DETERMINATION OF THE PEROXIDE NUMBER IN WINE. CSIRO-Trans-7815.
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TT-67-30249 Field 6H, 6P, 6A

Ostrovskii, Yu. M.; Dobroserdova-Krutilkins, I. I.; Baranovskii, L. V.; Kolomiitseva, M. G.; Gracheva, G. V.
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J. Industrial (occupational) medicine

NCH-206 543 Field 6J, 6T

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RTS-3218.
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TT-67-30281 Field 6J

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JPRS-39632.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30281

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-30336 Field 6J

LABOR HYGIENE AND OCCUPATIONAL DISEASES, VOL. 10, NO. 11, 1966. 27 Jan 67, 107p, refs.
JPRS-39687.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30336

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60733 Field 6J

Kuznetsov, G. B.
FIBROSING EFFECTS OF COPPER AND COPPER OXIDE DUSTS ON THE LUNGS: AN EXPERIMENTAL INVESTIGATION Nov 66, 15p, refs. FASEB-S-210-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60733

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 15, No. 4.

TT-67-60763 Field 6J, 6T

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EFFECT OF SMALL CONCENTRATIONS OF MERCURY ON THE ORGANISM (THE COMBINED ACTION OF TOXIC AND TEMPERATURE FACTORS). Nov 66, 13p. FASEB-S-82-6.
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TT-67-60764 Field 6J

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60764

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M. Microbiology

TT-67-30148 Field 6M

Vashkova, V. V.; Zhdanov, V. M.
EFFECT OF VIRUS ON CHROMOSOME REARRANGEMENTS AND MITOTIC ACTIVITY IN CELLS OF HUMAN TISSUE CULTURES. 12 Jan 67, 6p, 11refs.
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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30148

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TT-67-30285 Field 6M

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SOVIET RESEARCH IN VIROLOGY. 24 Jan 67, 13p, 17refs. JPRS-39636.
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TT-67-60537 Field 6M

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SUBMERGED CULTURE OF HYDROCARBON-UTILIZING YEASTS AND BACTERIA. 1966, 18p.
BM-Trans-3086.
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TT-67-60551 Field 6M

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RESEARCH RELATING TO ACTIONOMORPHOUS FUNGUS OF BACTERIUM CONCERNING A NEW ANTI-FUNGUS, ANTI-YEAST SUBSTANCE, CANDIMYCIN. 1967, 3p. NIH-1-3-67.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60551

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TT-67-60559 Field 6M

Vigier, P.
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NIH-12-20-66.

Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60559

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TT-67-60585 Field 6M, 6O

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EFFECT OF RISTOMYCIN ON SOME PROTECTIVE MECHANISMS OF MACROORGANISM. Nov 66, 24p, 20refs. FASEB-S-222-6.
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TT-67-60586 Field 6M

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PRODUCTION OF INTERFERON BY SOME ARBOR VIRUSES OF GROUP A. Nov 66, 17p, 11refs. FASEB-S-206-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60586

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TT-67-60607 Field 6M, 6R, 6O

Chakhava, O. V.
A COMPARATIVE STUDY OF THE ANTIBACTERIAL ACTIVITY OF PENICILLIN AND STREPTOMYCIN IN UNTREATED AND X-IRRADIATED MACROPHAGE CULTURES. Nov 66, 15p, 9refs. FASEB-S-223-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60607

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TT-67-60624 Field 6M, 6O

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TT-67-60630 Field 6M, 6O, 6A

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THE INFLUENCE OF AURANTIN ON RNA SYNTHESIS OF MYXOVIRUSES IN CELLS OF CHICK CHORO-ALLANTOIC MEMBRANES. Nov 66, 25p, 11refs. FASEB-S-249-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60630

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TT-67-60635 Field 6M

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60635

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60636 Field 6M, 6O

Gorbunova, E. S.
STIMULATION OF ANTI-DYSENTERY IMMUNITY BY ACETOXAN. Nov 66, 18p, 10refs. FASEB-S-265-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60636

Trans. of Antibiotiki (USSR) v11 n4 p354-8 1966.

TT-67-60804 Field 6M, 6A, 7E

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THE ROLE OF PYRIMIDINES IN THE INACTIVATION OF BACTERIOPHAGES BY ULTRAVIOLET RADIATION. Nov 66, 19p, refs. FASEB-S-158-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60804

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60805 Field 6M, 7E

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MULTIPLE REACTIVATION OF PHAGE F2 WITH ULTRAVIOLET RAYS. Nov 66, 11p, refs. FASEB-S-159-6.
Order from CFSTI: HC$3.00, MF$0.65 as AD-67-60805

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60840 Field 6M

Ottolina, C.
THE MIRACIDIUM OF SCHISTOSOMA MANSONI. Tr. by P. De Porte. 43p (some figs omitted). NIH-12-12-66.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60840

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TT-67-60843 Field 6M

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DESCRIPTION AND CLASSIFICATION OF AN ACTINOMYCETE (STREPTOMYCES PEUCETIUS, SP. NOVA), THE PRODUCER OF A SUBSTANCE ENDOWED WITH ANTITUMORIGENIC PROPERTIES; DAUNOMYCIN. Tr. by H. Warfield. 1966, 15p, 12refs. NIH-12-3-66.
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Trans. of Giornale di Microbiologia (Italy) v11 p109-18 1963.

TT-67-60854 Field 6M

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Order from CFSTI: HC$3.00, MF$0.65 as AD-646 585

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TT-67-60877 Field 6M

Bitkova, A. N.; Koptelova, E. I.; Kavtorina, R. P.
CHEMICAL COMPOSITION OF AN L-CULTURE OF A BETA-HEMOLYTIC STREPTOCOCCUS OF GROUP A AND OF ITS REVERTANTS. Nov 66, 7p. FASEB-S-91-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60877

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60883 Field 6M

Motavkina, N. S.
CHEMICAL BASIS OF DOUBLE ANTIGENIC SPECIFICITY OF THE SEXUAL RECOMBINANTS OF E. COLI HfrH AND FLEXNER SHIGELLA. Nov 66, 13p, refs. FASEB-S-235-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60883

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v43 n3 p27-31 1966.

TT-67-60884 Field 6M, 6A

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DESOXYRIBONUCLEASES OF VARIOUS SEROLOGICAL GROUPS OF STREPTOCOCCUS AND OF ANTIBODIES TO THEM IN HUMAN SERA. Nov 66, 13p, refs. FASEB-S-236-6.
Order from CFSTI: HC$3.00, HC$0.65 as TT-67-60884

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TT-67-60913 Field 6M

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AN IMMUNOELECTROPHORETIC ANALYSIS OF THE ANTIGENS OF NEWCASTLE DYSENTERY BACTERIA. Nov 66, 14p, 1ref. FASEB-S-111-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60913

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v42 n12 p130-5 1965.

TT-67-60915 Field 6M

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IDENTIFICATION OF CULTURES OF BRUCELLA ISOLATED FROM ABORTED FETUSES OF SHEEP VACCINATED AGAINST BRUCELLOSIS. Nov 66, 16p, refs. FASEB-S-169-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60915

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TT-67-60917 Field 6M

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PECULIARITIES OF THE STRUCTURAL ORGANIZATION OF THE VIRUS OF VENEZUELAN EQUINE ENCEPHALOMYELITIS. Nov 66, 14p, 7refs. FASEB-S-162-6.
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Trans. of Voprosy Virusologii (USSR) v10 n5 p520-6 1965.

TT-67-60923 Field 6M, 6E

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MECHANISM OF VIRUS-INHIBITORY EFFECT OF ANTICELLULAR SERUM. Nov 66, 14p, 13refs. FASEB-S-254-6.
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TT-67-60925 Field 6M

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PURIFICATION OF NEWCASTLE DISEASE VIRUS AND CHARACTERISTICS OF VIRAL RNA PREPARATIONS. Nov 66, 34p, refs. FASEB-S-257-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60925

Trans. of Voprosy Virusologii (USSR) v11 n2 p223-32 1966.

TT-67-60927 Field 6M

Ivanova, N. A.; Polyak, R. Ya.
INHIBITORY ACTION OF INTERFERON ON RIBONUCLEIC ACIDS ISOLATED FROM THE VIRUS OF POLIOMYELITIS AND OF LOUPING ILL VIRUSES. Nov 66, 21p, 9refs. FASEB-S-294-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60927

Trans. of Voprosy Virusologii (USSR) v11 n1 p25-31 1966.

TT-67-60928 Field 6M

Gaidamovich, S. Ya.; Uvarov, V. N.; Alekseeva, A. A.
ISOLATION OF VIRUS OF VESICULAR STOMATITIS FROM A HUMAN PATIENT. Nov 66, 17p, 5refs. FASEB-S-296-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60928

Trans. of Voprosy Virusologii (USSR) v11 n1 p77-80 1966.

O. Pharmacology

TT-66-57004/4 Field 6O

POLISH PHARMACEUTICAL TRANSACTIONS, VOL. 23, NO. 4, 1966. 1966, 117p, refs.
SFCSI-HEW-NLM(TT-66-57004/4).
Order from CFSTI: $3.00 as TT-66-57004/4

Trans. of Acta Poloniae Pharmaceutica, v23 n4 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60556 Field 6O, 6E

Brock, N.; Hohorst, H. J.
ACTIVATION OF CYCLOPHOSPHAMIDE IN VIVO AND IN VITRO. Tr. by J. Chapin. 1967, 34p, 38refs.
NIH-1-6-67.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60556

Trans. of Arzneimittel-Forschung (West Germany) v13 n12 p1021-9 1963.

TT-67-60631 Field 6O, 6E

Morozov, E. F.
THE EFFECT OF NEOMYCIN (COLIMYCIN) ON GASTRIC SECRETION. Nov 66, 8p, 10refs.
FASEB-S-89-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60631

Trans. of Antibiotiki (USSR) v10 n11 p1027-30 1965.

TT-67-60632 Field 6O

Aleksandrov, P. N.
ACTION OF STREPTOMYCIN AND CYCLOSERINE ON MITOTIC ACTIVITY. 7p, 13refs.
FASEB-S-250-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60632

Trans. of Antibiotiki (USSR) v11 n3 p232-3 1966.

TT-67-60633 Field 6O

Shorin, V. A.; Shapovalova, S. P.
CROSS RESISTANCE AMONG ANTINEOPLASTIC ANTIBIOTICS OF THE OLIVOMYCIN-MITRAMYCIN TYPE. Nov 66, 13p, 8refs. FASEB-S-251-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60633

Trans. of Antibiotiki (USSR) v11 n3 p239-42 1966.

TT-67-60634 Field 6O, 6A

Shcherbakova, E. G.
A COMPARATIVE CYTOCHEMICAL STUDY ON THE INFLUENCE OF PENICILLIN, ITS LONG-ACTING DERIVATIVES, AND OXADILLIN ON CELLS OF TISSUE CULTURES. Nov 66, 22p, 9refs. FASEB-S-264-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60634

Trans. of Antibiotiki (USSR) v11 n4 p337-43 1966.

TT-67-60693 Field 6O, 6E

Gangiberger, J. A.; Umbach, W.
COMPARATIVE NEUROPHYSIOLOGICAL STUDIES ON TREMOR EFFECTIVE SUBSTANCES. 1966, 14p.
NIH-11-34-65.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60693

Trans. of Medizinische Klinik (West Germany) v60 n32 p1283-8 1965.

TT-67-60734 Field 6O

Mirzoyan, S. A.; Gabrielyan, E. S.
EFFECT OF GANGLERON ON REFLEXES FROM VARIOUS RECEPTOR ZONES AND THE CORONARY CIRCULATION. Nov 66, 14p, refs. FASEB-S-161-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60734

Trans. of Farmakologiya i Toksikologiya (USSR) v29 n1 p17-22 1966.

TT-67-60735 Field 6O

Senova, Z. P.
ON THE MECHANISM OF PHARMACOLOGICAL ABOLITION OF ARRHYTHMIAS. Nov 66, 11p, refs.
FASEB-S-277-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60735

Trans. of Farmakologiya i Toksikologiya (USSR) v29 n2 p177-80 1966.

TT-67-60736 Field 6O

Babichev, V. A.
EFFECTS OF ANESTHETIC SUBSTANCES ON NOREPINEPHRINE CONTENT AND MONOAMINE OXIDASE ACTIVITY OF TISSUES. Nov 66, 8p, refs.
FASEB-S-278-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60736

Trans. of Farmakologiya i Toksikologiya (USSR) v29 n2 p221-4 1966.

TT-67-60737 Field 6O

Yakovleva, A. I.; Sorokina, M. N.
EFFECTS OF INDOPAN ON ALBINO RATS AND PROGENY. Nov 66, 17p, refs. FASEB-S-279-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60737

Trans. of Farmakologiya i Toksikologiya (USSR) v29 n2 p224-9 1966.

TT-67-60803 Field 6O

Aliev, Kh. U.; Kamilov, I. K.; Zakirov, U. B.
THE EFFECT OF APOCHLORINE ON THE COURSE OF EXPERIMENTAL HYPERTENSION. Nov 66, 8p, 5refs. FASEB-S-193-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60803

Trans. of Uzbekskii Biologicheskii Zhurnal (USSR) v10 n1 p39-41 1966.

TT-67-60829 Field 6O, 6E

Shershevskii, M. G.; Rassokhin, V. M.
GANGLION BLOCKING AGENTS AND THROMBOGENIC PROPERTIES OF BLOOD IN ATHEROSCLEROSIS AND HYPERTENSION. Nov 66, 10p, refs.
FASEB-S-272-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60829

Trans. of Terapevticheskii Arkhiv (USSR) v38 n4 p33-7 1966.

P. Physiology

TT-67-60549 Field 6P

Yaremenko, M. S.; Kochemasova, N. G.
DETERMINATION OF EXTRACELLULAR WATER IN DIFFERENT TISSUES, ACCORDING TO THE INULIN AND CHLORINE DISTRIBUTION IN THEM, AND EMPLOYMENT OF THE DATA OBTAINED FOR A CALCULATION OF THE INTRACELLULAR CONCENTRATION OF ELECTROLYTES. Tr. by Z. Knowles. 1966, 11p, refs. NIH-12-8-66.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60549

Trans. of Fiziologicheskii Zhurnal SSSR, v52 n6 p765-70 1966.

TT-67-60561 Field 6P

Isaakyan, L. A.
OXYGEN PRESSURE IN VIVO OF VARIOUS MUSCLES

IN SMALL ANIMALS. Tr. by Z. Knowles. 1966, 9p, refs. NIH-12-17-66.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60561

Trans. of Fiziologicheskii Zhurnal SSSR, v52 n6 p771-5 1966.

TT-67-60601 Field 6P

Efimov, V. N.; Frank, G. M.
THE "SLIDING" MECHANISM OF MUSCULAR CONTRACTION. Nov 66, 7p, 4refs. FASEB-S-140-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60601

Trans. of Biofizika (USSR) v11 n1 p58-61 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60683 Field 6P

Panferova, N. E.
THE DIURNAL RHYTHM OF FUNCTIONS OF HUMANS IN CONDITIONS OF LIMITED MOBILITY (O Sutochnom Ritme Funktsii Cheloveka v Usloviyakh Ogranichennoi Podvizhnost). 17 Nov 66, 17p, 7refs. FTD-TT-65-1994; AD-646 291.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 291

Unedited rough draft trans. of Fiziologicheskii Zhurnal SSSR, v50 p741-9 1963.

TT-67-60739 Field 6P

Lobanova, L. V.
ELECTRICAL ACTIVITY OF NEOCORTEX AND AROUSAL BY VISCERAL STIMULI FOLLOWING LESIONS OF CAUDATE NUCLEUS. Nov 66, 23p, refs. FASEB-S-217-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60739

Trans. of Fiziologicheskii Zhurnal (USSR) v52 n3 p228-36 1966.

TT-67-60740 Field 6P

Matyushkin, D. P.; Shipova, N. V.
EVOKED POTENTIALS IN NEOCORTEX OF CAT ON STIMULATION OF OCULOMOTOR NERVES AND OPHTHALMIC BRANCH OF TRIGEMINAL NERVE. Nov 66, 21p, refs. FASEB-S-218-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60740

Trans. of Fiziologicheskii Zhurnal (USSR) v52 n3 p236-43 1966.

TT-67-60741 Field 6P

Byzov, A. L.; Khanich, R.
INTRACELLULAR RECORDING OF REACTIONS IN VARIOUS CELLS OF FROGS AND AXOLOTL RETINA. Nov 66, 27p, refs. FASEB-S-219-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60741

Trans. of Fiziologicheskii Zhurnal (USSR) v52 n3 p250-8 1966.

TT-67-60742 Field 6P

Leonova, N. N.
HYPOTHALAMIC REGULATION OF THE CONTENT OF CATECHOLAMINES IN THE CEREBRAL CORTEX. Nov 66, 16p, refs. FASEB-S-271-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60742

Trans. of Fiziologichnyi Zhurnal (USSR) v12 n2 p162-7 1966.

TT-67-60748 Field 6P, 6O, 6E

Raiskina, M. E.; Shargorodskii, B. M.; Fokht, A. S.
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07 CHEMISTRY

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NCH-206 621 Field 7C

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NCH-206 623 Field 7C, 7A

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NCH-206 954 Field 7C, 11I

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TT-66-27223 Field 9E, 20C

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TT-66-26929 Field 9F

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TT-66-27220 Field 9F

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10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

TT-66-26940 Field 10A, 10B

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NCH-207 229 Field 11B, 13H

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NCH-206 626 Field 11F, 7C

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NCH-207 150 Field 11F

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NCH-207 152 Field 11F, 14B

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NCH-207 157 Field 11F

Kawawa, T.
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NCH-207 159 Field 11F

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NCH-207 160 Field 11F, 18B

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METHOD OF DETERMINING DISSOLVED OXYGEN AFTER THE ADDITION OF SILICON (TO LIQUID STEEL) FOR DEOXIDATION. Pt. 1. of Investigation of Dissolved Oxygen After Addition of Deoxidant. Oct 66, 1450wds. HB-6778.
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NCH-207 166 Field 11F, 14B

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NCH-207 168 Field 11F, 14B

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NCH-207 170 Field 11F, 13H

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NCH-207 171 Field 11F

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EFFECT OF CARBURIZING FOLLOWED BY CHROMIZING ON THE INTERACTION BETWEEN IRON AND LIQUID ZINC. Oct 66, 500wds. HB-6940.
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NCH-207 176 Field 11F

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Trans. of Stahl und Eisen (West Germany) v86 n17 p1096-8 1966.

NCH-207 177 Field 11F

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NCH-207 179 Field 11F

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NCH-207 186 Field 11F

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NCH-207 197 Field 11F, 11C

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NCH-207 200 Field 11F

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NCH-207 207 Field 11F, 13H

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SURFACE HARDENING, CORROSION AND SCALING PROTECTION (OF STEEL) BY METALLIC SURFACE IMPREGNATION. Nov/Dec 66, 3300wds. HB-6909.
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NCH-207 213 Field 11F

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NCH-207 215 Field 11F, 18B

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MIXING OF LIQUID STEEL AND DISSOLUTION OF FERROALLOYS DURING DH DEGASSING. Pt. 11: Application of Radioactive Isotopes in Steelmaking. Nov/Dec 66, 2100wds. HB-6826.
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NCH-207 216 Field 11F, 7E

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BEHAVIOR OF DISSOLVED OXYGEN AFTER THE ADDITION OF SILICON FOR DEOXIDATION (OF STEEL). Pt. 2: Investigation of Dissolved Oxygen After the Addition of a Deoxidant. Nov/Dec 66, 2100wds. HB-6805.
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NCH-207 218 Field 11F

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NCH-207 220 Field 11F, 13H

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COMPARATIVE INVESTIGATION OF THE METHODS FOR DETERMINING THE THICKNESS OF ZINC COATINGS ON STEEL WIRE. Nov/Dec 66, 3800wds. HB-6997.
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NCH-207 225 Field 11F, 20K

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NCH-207 232 Field 11F, 20K, 13I

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NCH-207 234 Field 11F, 13H

Apa, L.
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Order from HB: $11.50 as HB-6737

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NCH-207 235 Field 11F, 13H

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Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v9 n7 p73-6 1966.

NCH-207 239 Field 11F

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EFFECT OF PHOSPHORUS, MANGANESE AND SULFUR ON THE IRON-CARBON-OXYGEN EQUILIBRIA WITHIN THE CONCENTRATION RANGES OF LIQUID STEEL AT STEELMAKING TEMPERATURES. Nov/Dec 66, 2500wds. HB-6981.
Order from HB: $6.80 as HB-6981

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TT-65-33351 Field 11F, 7D

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THE ELECTROLYTIC DEPOSITION OF THICK AND REGULINE RHENIUM LAYERS. 9 Nov 65, 9p, 8refs. JPRS-32773.
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TT-66-26925 Field 11F

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Order from CEGB as CEGB-CET.1586

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TT-66-26973 Field 11F, 20K

Trunin, I. I.
NOTCH SENSITIVITY DURING CREEP. CEGB-X-73.
Order from CEGB as CEGB-X-73

Trans. of Energomashinostroenie (USSR) v5 n4 p21-6 1959.

TT-66-26990 Field 11F

Dodonov, B. P.
HINGE MOUNTED BLADES. CEGB-CET-2095.
Order from CEGB as CEGB-CET-2095

Trans. of Energomashinostroenie (USSR) v6 n8 p38-40 1960.

TT-66-26993 Field 11F

Prokofev, K. A.
DAMPING PARAMETER OF BLADE. CEGB-CET-2070.
Order from CEGB as CEGB-CET-2070

Trans. of Energomashinostroenie (USSR) v6 n10 p13-6 1960.

TT-66-27000 Field 11F

Bondar, V. I.
SCALE EFFECT IN FRICTION-METALS. CEGB-X-60.
Order from CEGB-X-60

Trans. of Fizika Metallov i Metallovedenie (USSR) v3 n2 p363-8 1956.

TT-66-27003 Field 11F

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THE EFFECT OF NEUTRON BOMBARDMENT ON THE MOSAIC STRUCTURE OF METALS AND ALLOYS. CEGB-X-76.
Order from CEGB as CEGB-X-76

Trans. of Fizika Metallov i Metallovedenie (USSR) v7 n2 p243-6 1959.
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TT-66-27012 Field 11F

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STAINLESS STEEL. CEGB-CET-1688.
Order from CEGB as CEGB-CET-1688

Trans. of Hutnicke Listy (Czechoslovakia) v11 n2 p91-8 1956.

TT-66-27013 Field 11F

Prazak, M.
ANODIC PROTECTION. CEGB-CET-1690.
Order from CEGB as CEGB-CET-1690

Trans. of Hutnicke Listy (Czechoslovakia) v11 n11 p644-8 1956.

TT-66-27014 Field 11F, 13A

OXIDATION OF STEEL IN SUPERHEATED STEAM. CEGB-HB-5046.
Order from CEGB as CEGB-HB-5046

Trans. of Hutnicke Listy (Czechoslovakia) v12 p125-30 1957.

TT-66-27016 Field 11F, 18I

Sekerka, I.
CORROSION IN HETEROGENEOUS NUCLEAR REACTOR. CEGB-CET-1934.
Order from CEGB as CEGB-CET-1934

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TT-66-27017 Field 11F

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TT-66-27248 Field 11F

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TT-66-27652 Field 11F, 13C

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TT-67-60780 Field 11F, 13H

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H. Oils, lubricants, and hydraulic fluids

NCH-207 208 Field 11H, 11F

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TT-66-27001 Field 11H

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I. Plastics

NCH-206 958 Field 11I, 11J

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NCH-206 961 Field 11I, 11J

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TT-66-27279 Field 11I

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INVESTIGATION OF THE MECHANICAL PROPERTIES OF FILLED POLYMERS. I. MECHANICAL PROPERTIES OF POLYSTYRENE, POLYMETHYLMETHACRYLATE AND POLYETHYLENE FILLED WITH GLASS FIBRE (Vivchennya Mekhanichnikh Vlastivostei Napovenikh Polimeriv Mekhanichni Vlastivosti Polistirolu, Polimetilmetakrilatu ta Polietilenu, Napovnenikh Skiovoloknom).
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TT-67-30118 Field 11I, 13I

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TT-67-60785 Field 11I, 7C, 11E

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J. Rubbers

NCH-207 057 Field 11J, 7C

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12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

TT-67-30287 Field 12A

Stampacchia, G.
THE MINIMUM PRINCIPLE IN THE CALCULUS OF VARIATIONS. 24 Jan 67, 21p, 45refs. JPRS-39638.
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TT-67-60686 Field 12A, 9B, 20K

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31 Oct 66, 8p, 2refs. FTD-HT-66-553; AD-646 386.
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TT-67-60765 Field 12A

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B. Operations research

TT-67-60083 Field 12B, 9B

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13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

NCH-206 934 Field 13A, 20M

Kolach, T. A.; Vvedenskii, Yu. G.
INVESTIGATION OF HEAT TRANSFER DURING BOILING IN VERTICAL PIPES (Issledovanie Teplootdachi pri Kipenii v Vertikalnykh Trubkakh). Jun 66, 12p, 2refs. RTS-3290.
Order from NLL: 35s as RTS-3290

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NCH-206 937 Field 13A, 20M

Elperin, I. T.
METHOD OF INTENSIFYING HEAT TRANSFER (Metod Intensifikatsii Teploobmena). Jun 66, 18p, 5refs. RTS-3163.
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TT-66-26945 Field 13A, 21E

Nevelson, S. P.
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Order from CEGB as CEGB-CET 2056

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TT-66-26972 Field 13A, 21E

Gorelkin, N. M.
STEAM-TURBINE CLEARANCES. CEGB-CET-1530.
Order from CEGB as CEGB-CET-1530

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TT-66-26988 Field 13A

Patychenko, V. S.
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TT-66-27530 Field 13A, 10A

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TT-66-27548 Field 13A, 20D

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TT-66-27559 Field 13A, 21D

Bassa, G.
EFFECT OF PARTICLE SIZE ON SLAGGING IN P.F.-FIRED BOILER FURNACES. CE-Trans. 3984.
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TT-66-27632 Field 13A

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TT-66-27635 Field 13A, 20M

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TT-66-27636 Field 13A, 7D

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60576 Field 13A, 21B

Speich, P.
INVESTIGATIONS OF SULFUR BALANCE AT LIGNITE-FIRED BOILER PLANTS. 1966, 15p, 9refs.
BM-Trans-3010.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60576

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B. Civil engineering

NCH-206 890 Field 13B, 13A

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DRAFT AND DIRT DEPOSITION PROBLEMS WHEN VENTILATING AIR IS DELIVERED THROUGH PERFORATED FALSE CEILINGS. 4 Jan 67, 10p.
ATS-28T97S.
Order from ATS: $14.75 as ATS-28T97S

Trans. of VVS: Tidskrift foer Vaerme-Ventilations-, Sanitets- och Kyltechnik (Sweden) v33 n5 p189-95 1962.

NCH-207 030 Field 13B, 19D

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UNDERWATER ROCK BLASTING NEAR A LIGHT-CONSTRUCTION PIER WALL. 1966, 17p.
TC-2275.
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TT-66-27009 Field 13B

Demyanenko, S. Yu.
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CEGB-CET-3762.
Order from CEGB as CEGB-CET-3762

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TT-66-27010 Field 13B

Filippov, M.
ELECTROMAGNETIC FILTER FOR WATER TREATMENT.
CEGB-CET-3762.
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Trans. of Gidroliznaya i Lesokhimicheskaya Promyshlennost (USSR) v13 n8 p19 1960.

TT-66-27263 Field 13B, 20D

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FLUCTUATIONS IN A DISCHARGE CHANNEL.
CEGB-IB.1662.
Order from CEGB as CEGB-IB.1662
Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR) v28 n6 p1267-74 1958.
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TT-66-27270 Field 13B

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LENGTH OF DISCHARGE CHANNEL. CEGB-IB.1788.
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TT-66-59002/2 Field 13B, 13M

TRANSACTIONS OF THE JAROSLAV CERNI INSTITUTE FOR DEVELOPMENT OF WATER RESOURCES, VOL. 13, NO. 37, 1966. Tr. by Vladimir Skerl and Vladimir Zunjevic. 1966, 43p, refs. SFCSI-Int(TT-66-59002/2).
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TT-66-59002/3 Field 13B, 13M

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-30195 Field 13B, 8B

LARGE SCALE MAPS FOR CITY, CONSTRUCTION, AND TECHNICAL PLANNING. 16 Jan 67, 15p. JPRS-39545.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30195

Trans. of Geodezia es Kartografia (Hungary) v18 n5 p366-70 1966.

TT-67-30325 Field 13B

CONFERENCE DISCUSSES PROBLEMS OF CITY-PLANNING AND HYGIENE IN DWELLINGS AND HOSPITALS. 27 Jan 67, 24p. JPRS-39676.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30325

Trans. of Konferentsiya po Gigiene Planirovki i Gazhdanskogo Stroitelstva. Trudy, Moscow, 1964 p3-8, 90-102, 103-4.
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C. Construction equipment, materials and supplies

NCH-207 053 Field 13C

Pauli, O.
FUNGICIDAL AND BACTERICIDAL PAINTS. NEW ADDITIVES FOR OIL AND SYNTHETIC RESIN LACQUERS. 1966, 10p. TC-2756.
Order from TC: $9.50 as TC-2756

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NCH-207 060 Field 13C

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TT-67-30085 Field 13C

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USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 53. 6 Jan 67, 35p. JPRS-39435.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30085

Trans. from Stroitelnaya Gazeta (USSR) 16 Nov p1, 3; 23 Nov p2, 3 1966 and of Promyshlennoe Stroitelstvo i Inzhenerye Sooruzheniya (USSR) v9 n5 p28-9, 41-2 1966.

F. Ground transportation equipment

NCH-207 034 Field 13F, 11E

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Order from TC: $23.50 as TC-2628

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TT-66-27516 Field 13F

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Order from CEGB as CEGB-CE.Trans.4171A

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TT-66-30030 Field 13F

SOVIET TRANSPORTATION: TRANSLATIONS NO. 96. New Types of Soviet Freight Cars. 5 Jan 66, 6p. JPRS-33586.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-30030

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TT-67-30083 Field 13F

Langurov, I.
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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30083

Trans. of Materialno-Tekhnicheskoe Snabzhenie (USSR) n2 p12-20 1966.

TT-67-30153 Field 13F, 2C

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USSR INDUSTRIAL DEVELOPMENT: AUTOMATIVE AND TRACTOR INDUSTRY NO. 40. 12 Jan 67, 25p. JPRS-39503.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30153

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G. Hydraulic and pneumatic equipment

TT-66-26974 Field 13G, 1A, 20D

Den, G. N.
BLADE DIFFUSORS. CEGB-DEG-I.S.313(R).
Order from CEGB as CEGB-DEG-I.S.313(R)

Trans. of Energomashinostroenie (USSR) v5 n10 p3-7 1959.

TT-66-26995 Field 13G

Starostin, P. I.
STEAM-JET COMPRESSORS. CEGB-CET-2059.
Order from CEGB as CEGB-CET-2059

Trans. of Energomashinostroenie (USSR) v6 n10 p40-4 1960.

TT-66-27194 Field 13G

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RESEARCH INTO HYDROTRANSPORT OF STOWING DIRT. CEGB-CET-2099.
Order from CEGB as CEGB-CET-2099

Trans. of Ugol (USSR) v35 n11 p40-4 1960.

TT-66-27204 Field 13G

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Order from CEGB as CEGB-CET-1575

Trans. of Belorusskii Politekhnicheskii Institut. Sbornik Nauchnykh Rabot (USSR) p1-64 1958.

H. Industrial processes

NCH-207 018 Field 13H, 7A

Pietrucci, A.
PROPER OPERATION OF A CONTINUOUS DRYER. (USED FOR DRYING OF TOBACCO). 1966, 20p. TC-2555.
Order from TC: $15.00 as TC-2555

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NCH-207 019 Field 13H

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NCH-207 151 Field 13H, 11F

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NCH-207 155 Field 13H, 9B

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Order from HB: $4.80 as HB-6771

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NCH-207 158 Field 13H

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Order from HB: $6.70 as HB-6877

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NCH-207 163 Field 13H, 11F

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Order from HB: $7.30 as HB-6971

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NCH-207 172 Field 13H, 11F

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Order from HB: $5.80 as HB-6949

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Order from HB: $3.80 as HB-6942

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NCH-207 180 Field 13H

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Order from HB: $19.80 as HB-6921

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Order from HB: $13.30 as HB-6922

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NCH-207 191 Field 13H, 11F

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DESULFURIZATION OF PIG IRON IN THE BLAST FURNACE HEARTH IN OPERATION WITH A LOW SLAG VOLUME. Oct 66, 2400wds. HB-6897.
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NCH-207 192 Field 13H, 11F

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GENERALIZED METHODS OF CALCULATING THE HEAT EXTRACTION IN THE SECONDARY COOLING ZONE IN THE CONTINUOUS CASTING OF STEEL. Nov/Dec 66, 950wds. HB-6966.
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NCH-207 193 Field 13H, 20B, 11F

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THE BEHAVIOR OF GASES IN THE CRYSTALLIZATION PROCESS OF KILLED-STEEL INGOTS. Nov/Dec 66, 2000wds. HB-6757.
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SUCTION CONDITIONS IN LABORATORY SINTERING EXPERIMENTS. Nov/Dec 66, 2000wds. HB-6898.
Order from HB: $5.70 as HB-6898

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NCH-207 196 Field 13H, 11F

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NCH-207 198 Field 13H, 11F

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Order from HB: $19.50 as HB-6835-II

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NCH-207 199 Field 13H, 11F

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THE SUPERSONIC FLOW CONDITIONS FOR GASEOUS OXYGEN AT A LAVAL NOZZLE. Pt. 1: Kinetics of Blowing Reactions in Basic Oxygen LD Furnances. Nov/Dec 66, 1950wds. HB-6114.
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NCH-207 201 Field 13H, 11F

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EFFECT OF TWO-STAGE COLD ROLLING ON THE DEEP DRAWABILITY OF LOW-CARBON RIMMED STEEL SHEET. Nov/Dec 66, 1200wds. HB-7017.
Order from HB: $4.60 as HB-7017

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NCH-207 202 Field 13H, 11F

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SEAMY DEFECTS IN HOT STRIP FROM CAPPED STEEL. Nov/Dec 66, 1950wds. HB-6914.
Order from HB: $7.50 as HB-6914

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NCH-207 203 Field 13H

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CONTROLLING THE (BLAST-FURNACE) GAS FLOW PATTERN BY CHANGING THE TUYERE OVERHANG. Nov/Dec 66, 750wds. HB-6947.
Order from HB: $2.30 as HB-6947

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NCH-207 204 Field 13H

Arist, L. M.
MECHANIZATION OF WORK ON A BLAST FURNACE 2300 CUBIC METERS (81,200 CF) IN VOLUME. Nov/Dec 66, 1400wds. HB-6931.
Order from HB: $3.80 as HB-6931

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NCH-207 205 Field 13H, 11F, 13A

Toropov, E. V.
USE OF GASES WITH A HIGH CALORIFIC VALUE IN BLAST-FURNACE HOT STOVES. Nov/Dec 66, 1300wds. HB-7012.
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CONTINUOUS MEASUREMENT OF THE TEMPERATURE OF MOLTEN STEEL IN THE OPEN-HEARTH FURNACE. Nov/Dec 66, 750wds. HB-6932.
Order from HB: $2.50 as HB-6932

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NCH-207 211 Field 13H, 11F

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INFLUENCE OF THE STATE OF OXIDATION OF THE LIQUID METAL AND OF THE RATE OF POURING ON THE STRUCTURE OF SEMIKILLED STEEL INGOTS. Nov/Dec 66, 1600wds. HB-6806.
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NCH-207 212 Field 13H, 11F

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EFFECT OF LENGTH AND TEMPERATURE OF INGOT MOLD ON THE LOCATION OF SUBCUTANEOUS BLOWHOLES IN RIMMED-STEEL INGOTS. Nov/Dec 66, 1950wds. HB-6895.
Order from HB: $5.50 as HB-6895

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NCH-207 217 Field 13H, 11F, 9B

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NCH-207 221 Field 13H, 11F

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ANALYSIS OF BLAST FURNACE AND STEEL PLANT SLAGS BY X-RAY FLUORESCENCE. Nov/Dec 66, 2600wds. HB-6991.
Order from HB: $7.80 as HB-6991

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NCH-207 222 Field 13H

Schatt, W.
STUDY OF MECHANICAL STRENGTH OF SINTERED IRON POWDERS IN SURFACE-ACTIVE LIQUIDS. Nov/Dec 66, 1450wds. HB-6951.
Order from HB: $4.50 as HB-6951

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NCH-207 223 Field 13H

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Order from HB: $4.50 as HB-7018

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NCH-207 224 Field 13H

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CRACK FORMATION IN THE CONTINUOUS CASTING OF GRAY-IRON PIPE. Nov/Dec 66, 950wds. HB-7028.
Order from HC: $3.20 as HB-7028

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NCH-207 227 Field 13H, 11F

Pogodina-Alekseeva, K. M.; Kremlev, E. M.
EFFECT OF ULTRASONIC VIBRATIONS ON THE REMOVAL OF RESIDUAL STRESSES IN INSTRUMENT STEEL DURING (LOW) TEMPERING. Nov/Dec 66, 900wds. HB-7013.
Order from HB: $3.30 as HB-7013

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NCH-207 228 Field 13H, 11F

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CONTINUOUS MEASUREMENT OF THE TEMPERATURE OF MOLTEN STEEL IN THE BASIC OXYGEN LD FURNACE DURING THE BLOW. Pt. 1: Study of the Instrumentation of the Basic Oxygen LD Furnace. Nov/Dec 66, 1500wds. HB-7035.
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NCH-207 230 Field 13H, 11F

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INTERNAL SOUNDNESS OF CONTINUOUSLY-CAST BILLETS. Nov/Dec 66, 500wds. HB-7029.
Order from HB: $3.30 as HB-7029

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NCH-207 231 Field 13H, 11F

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MODEL EXPERIMENT ON THE TOP POURING OF (STEEL) INGOTS. Nov/Dec 66, 1200wds. HB-6697.
Order from HB: $4.60 as HB-6697

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NCH-207 233 Field 13H, 11F

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CONTINUOUS CASTING OF FREE-CUTTING STEELS. Nov/Dec 66, 4500wds. HB-7004.
Order from HB: $17.50 as HB-7004

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NCH-207 237 Field 13H, 11F

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NCH-207 238 Field 13H, 11F

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GAMMA-RAY EXAMINATION OF HOT-ROLLED STEEL. Nov/Dec 66, 1750wds. HB-6952.
Order from HB: $4.90 as HB-6952.

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NCH-207 240 Field 13H, 11F

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FUNDAMENTAL PROBLEMS AND PRACTICE OF CONTINUOUS CASTING OF WIDE (STEEL) SLABS. Nov/Dec 66, 4000wds. HB-6973.
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Order from CEGB as CEGB-CET-1997

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TT-66-27007 Field 13H

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Order from CEGB as CEGB-CET-2217

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

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Order from CEGB as CEGB-DEG-Inf.Ser.105(c)

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TT-66-27230 Field 13H

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Order from CEGB as CEGB-CET.1651

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TT-66-27231 Field 13H

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v25 n7 p818-21 1959.
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TT-66-27239 Field 13H

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Order from CEGB as CEGB-IB.1694

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TT-66-27274 Field 13H

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TT-66-27627 Field 13H

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CE-Trans-3518.
Order from CEGB as CEGB-CE.Trans.3518

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TT-66-27640 Field 13H, 13I

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STUDIES ON PULVERIZING BY VORTICES IN A PIPE. PART I. A NEWLY DESIGNED GRINDING APPARATUS AND ITS CHARACTERISTICS.
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TT-66-27641 Field 13H

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Order from CEGB as CEGB-CE.Trans.2759

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TT-67-30164 Field 13H, 21G

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12 Jan 67, 5p. JPRS-39514.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30164

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TT-67-60680 Field 13H, 9C

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5 Dec 66, 14p, 6refs. FTD-HT-66-646; AD-646 287.
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TT-67-60701 Field 13H, 7A

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BM-Trans. 3068.
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Trans. of Aufbereitungs-Technik (West Germany) n1 p21-7 1966.

TT-67-60713 Field 13H

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TT-67-60768 Field 13H, 11F

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TT-67-60994 Field 13H, 6D, 9B

Krasovskii, A. A.; Pospelov, G. S.
THE BASES OF AUTOMATION AND TECHNICAL CYBERNETICS. 23 Sep 66, 1154p, refs.

FTD-MT-64-419; AD-646 933.
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I. Machinery and tools

NCH-207 027 Field 13I, 14A

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TT-66-26994 Field 13I

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TT-66-26996 Field 13I

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TT-66-27210 Field 13I, 20K

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TT-66-27219 Field 13I

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TT-66-27226 Field 13I

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METALLIC COUPLINGS. CEGB-E.D.4/60.
Order from CEGB as CEGB-E.D.4/60

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TT-66-27228 Field 13I

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TT-66-27514 Field 13I, 20K

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CERTAIN FEATURES IN THE TRANSVERSE DEFORMATION OF CYLINDRICAL SHAFTS WITH AN ANNULAR GROOVE. CE.Trans.3911.
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TT-67-60853 Field 13I

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J. Marine engineering

NCH-207 064 Field 13J, 11C

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CONSERVATION OF SHIP BOTTOMS WITH NEW TELSYS-ANTIFOULING SYSTEM. 1966, 10p. TC-2784.
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TT-67-60767 Field 13J

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LOW-ASPECT-RATIO WING THEORY AND ITS APPLICATION TO THE SHIP RUDDER. 28 Sep 66, 22p, 11refs. FTD-TT-65-1853; AD-646 368.
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K. Pumps, filters, pipes, fittings, tubing and valves

TT-66-26931 Field 13K

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15 MILITARY SCIENCES

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TT-67-30266 Field 15B

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PRESENT STATUS OF "V"-TYPE PSYCHOCHEMICAL WARFARE AGENTS. 20 Jan 67, 9p, 8refs. JPRS-39617.
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TT-67-30151 Field 15C, 5D

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TT-67-60675 Field 15G

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16 MISSILE TECHNOLOGY

No Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

TT-67-30102 Field 17B

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TT-67-60987 Field 17G

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J. Seismic detection

TT-67-60879 Field 17J, 8K, 8G

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TT-67-60881 Field 17J, 8K, 8G

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18 NUCLEAR SCIENCE AND TECHNOLOGY

B. Isotopes

TT-67-30068 Field 18B

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TT-67-60999 Field 18B, 18D

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D. Nuclear instrumentation

TT-66-27529 Field 18D, 12A

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G. Radioactive wastes and fission products

TT-66-27276 Field 18G

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TT-67-30097 Field 18I

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K. Reactor physics

TT-66-27305 Field 18K

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L. Reactors (Power)

TT-66-27216 Field 18L

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Order from CEGB as CEGB-ICL

Trans. of Akademiya Nauk SSSR. Vestnik v30 n3 p3-12 1960.

19 ORDNANCE

A. Ammunition, explosives, and pyrotechnics

TT-67-60672 Field 19A

Krien, G.
POSSIBLE APPLICATIONS OF DIFFERENTIAL THERMAL ANALYSIS AND ITS THERMOGRAVIMETRY TO THE EXAMINATION OF EXPLOSIVES. Tr. by R. F. Brinkley. 1966, 34p, 56refs.
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Trans. of Explosivstoffe (West Germany) v13 n8 p205-20 1965.

D. Explosions, ballistics, and armor

TT-66-27299 Field 19D

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Order from ETC: $1.10 as TT-66-27299

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

G. Rockets

TT-67-60852 Field 19G, 16D, 21H, 17G, 21I, 21D, 16A

Aleshkov, M. N.; Zhukov, I. I.

PHYSICAL BASES OF ROCKET WEAPONRY. 16 Jan 67, 421p, 45refs. FTD-MT-66-20; AD-646 517.
Order from CFSTI: HC$3.00, MF$0.65 as AD-646 517

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20 PHYSICS

TT-67-30307 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 85. 25 Jan 67, 186p. JPRS-39658.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30307

TT-67-30332 Field 20-, 12A

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-30332

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TT-67-30338 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 87. 27 Jan 67, 131p. JPRS-39689.
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C. Electricity and magnetism

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Sztano, R.
THE LIMIT SPAN. CEGB-CET.2568.
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TT-66-26941 Field 20C, 9E

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TT-66-26948 Field 20C, 9E

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TT-66-26958 Field 20C

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TT-66-27237 Field 20C

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TT-66-27240 Field 20C

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Order from CEGB as CEGB-IB.1606

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TT-66-27244 Field 20C

Sena, L. A.
FORMATION OF A CATHODE SPOT. CEGB-X.61.
Order from CEGB as CEGB-X.61

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR) v29 n1 p3-11 1959.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27255 Field 20C

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AIR BREAKER ARC. CEGB-IB.1525.
Order from CEGB as CEGB-IB.1525

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR) v26 n3 p499-504 1956.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27258 Field 20C

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TT-66-27261 Field 20C

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MEASURING MAGNETIC FIELD STRENGTH. CEGB-X.89.
Order from CEGB as CEGB-X.89

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27264 Field 20C

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CAPACITOR ELECTROSTATIC FIELD. CEGB-IB.1660.
Order from CEGB as CEGB-IB.1660

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR) v28 n6 p1330-9 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27266 Field 20C, 9A

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TT-66-27285 Field 20C

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THE INFLUENCE OF THE RADIAL HEIGHT OF A POLE ON THE FICTURE OF THE MAGNETIC FIELD IN AN AIR GAP (Vliyanie Radialnoi Vysoty Polyusa na Kartinu Magnitnogo Polya v Vozdushnom Zazore). Tr. by J. W. Palmer. 15p, 3refs. RAE-Lib-Trans-1158.
Order from ETC: $1.60 as TT-66-27285

Trans. of Akademiya Nauk Latviiskoi SSR, Riga. Institut Energetiki. Trudy, v16 p29-41 1963.

TT-66-27289 Field 20C

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Trans. of Inzhenereno-Fizicheskii Zhurnal (USSR) v7 n12 p112-6 1964.

TT-67-60792 Field 20C, 14B

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STABILIZATION OF A MAGNETIC FIELD BASED ON NUCLEAR RESONANCE. 27 Jun 66, 9p, 3refs.
FTD-TT-65-2045; AD-646 454.
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TT-67-60992 Field 20C

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ON THE CRITICAL EFFECT OF GEOMETRIC DIMENSIONS OF EXTRACTION SYSTEMS OF A HIGH FREQUENCY PROTON SOURCE ON THE CURRENT INTENSITY OF AN ION BEAM.
23 Apr 64, 6p, 4refs. FTD-TT-64-331; as AD-440 937
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TT-67-60997 Field 20C, 7D

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APPLICATION OF ELECTRON PARAMAGNETIC RESONANCE IN CHEMISTRY. 6 Dec 66, 403p, refs.
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Order from CFSTI: HC$3.00, MF$0.65 as AD-646 962

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D. Fluid mechanics

TT-66-26959 Field 20D

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E. Masers and lasers

TT-67-60679 Field 20E, 20F, 20H, 7E

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F. Optics

NCH-207 056 Field 20F

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H. Particle physics

NCH-206 038 Field 20H

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-27238 Field 20H

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Order from CEGB as CEGB-X.55

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TT-66-27236 Field 20I

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J. Quantum theory

TT-67-60684 Field 20J

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TT-66-27536 Field 20K, 11I, 13H

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TT-66-27555 Field 20K, 13H

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TT-67-60850 Field 20K, 13M

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TT-67-60990 Field 20K

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NCH-207 023 Field 20L

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TT-66-26930 Field 20L

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TT-66-27262 Field 20L

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TT-67-60790 Field 20L

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M. Thermodynamics

TT-66-26916 Field 20M

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TT-66-26969 Field 20M

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TT-66-27265 Field 20M

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TT-67-60770 Field 20M, 20D, 7D

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21 PROPULSION AND FUELS

A. Air-breathing engines

TT-66-26967 Field 21A

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B. Combustion and ignition

TT-66-27015 Field 21B, 14B

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TT-66-27187 Field 21B

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ANALYSIS OF THE PROCESS OF COMBUSTION OF CARBON IN A BED BY THE METHOD OF SIMILARITY. CEGB-AERE-866.
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TT-66-27189 Field 21B, 20M

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TT-66-27191 Field 21B, 20M

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TT-66-27651 Field 21B

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